Joseph Dante Giusti

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**SKILLSET & INTERESTS** \_

I am looking for a junior developer role where I can utilize my skills and degree in the computer science field. I have experience designing games, apps, desktop software, and web sites. I'm hard working, driven, a solid communicator, and excited to be part of the team.

**PROGRAMMING LANGUAGES \_**

I have experience with C#, C, Python, Java, Javascript, HTML, and CSS.

**PROJECTS** \_

**Portfolio Website**

A portfolio containing videos, live demos, and code examples for some of my favorite projects is viewable on my website: **JoeHome.org**

**Neural Net Controlled Camera**

Using python tensorflow for machine learning and the Unity MLAgents plugin a neural net was trained to follow a target in a virtual environment.

**Augmented reality classroom App**

Integrating the Vuforia API in Unity 3D this mobile application allows students to view a virtual microscope with various slides on their desk using augmented reality.

**Bubble Pop Vr**

A casual VR game soon to be released on steam. The player pops balloons with various tools in a cartoon world. It supports local multiplayer and uses custom vr input scripts (C#).

**SpeakNotes App**

This native Android Java app loads notes from google's firebase database and reads them to headphones with a text to speech API so notes can be reviewed on the go.

**Experiments with Portals**

A 3D game in unity experimenting with portals like in the game portal.

**“BeFluent” Language Learning App**

A native android java application that teaches a language of the users choice.

**Plane game**

Simple webGL game where the player uses the keyboard to avoid oncoming obstacles.

**Virtual Memory garden**

An anniversary gift created in Unity 3d with C#.

**Atomic Simulation**

An attempt to simulate matter at the atomic level to more intuitively understand chemistry. Created in Unity using the C# programming language.

**EDUCATION** \_

**Western Governer’s University:**

Bachelors in Computer Science 2018-2020

**PROFESSIONAL EXPERIENCE** \_

***James F Mullen Co. Merrimac, Ma***

*Technical Design June 2011-August 2013*

⦁ CAD Draftsman and designer

⦁ Process engineer

⦁ Quality control manager

⦁ Machine Operator (whenever engineering office was closed ands production floor was open)

***Bradford Ski Resort Bradford, MA***

*Instructor & Relations**December 2010 - March 2012*

⦁ Taught downhill ski lessons to groups of varying ages and backgrounds

⦁ Led groups of 4 - 12 on the slopes